

**REMARKS**

Claims 1 and 2 have been amended. No new matter has been added. Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

By 

Mark J. Thronson

Registration No.: 33,082

Mialeeka C. Williams-Bibbs

Registration No.: 48,037

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 861-9114

Attorneys for Applicants

**Version With Markings to Show Changes Made**

1. (Amended) A capillary array comprising a plurality of capillaries which include a polymer protective film on the surface thereof and of which [one] first ends are bundled and of which [other] second ends are spread; a light detection portion in which the capillaries are juxtaposed [each other] and are aligned substantially on a plane and the polymer protective films therein are removed; a head which holds the spread second ends of the capillaries integrally, and an electrode which is [built-in in] built into the head, wherein the electrode is electrically connected to the head and is immersed in a sample solution[; and another electrode provided at the bundled capillaries].

2. (Amended) A capillary array in which [one] first ends of a plurality of capillaries with a protective coat are bundled and [the] end portions thereof are aligned in flat so as to form a buffer solution injection port; [the other] second ends of the plurality of capillaries penetrate through a capillary head with a built-in electrode and are inserted into metal tubes which are connected electrically to the built-in electrode, a light detection portion is formed at an intermediate portion of the capillary array wherein the protective coat of the capillaries is removed, the protective coat removed capillaries are sandwiched between first and second support substrates, a window which permits emission of fluorescence is formed on one of the first and second support substrates and a black coating is formed on the other of the first and second support substrates at a position corresponding to the fluorescence emission permitting window on the one support substrate.